

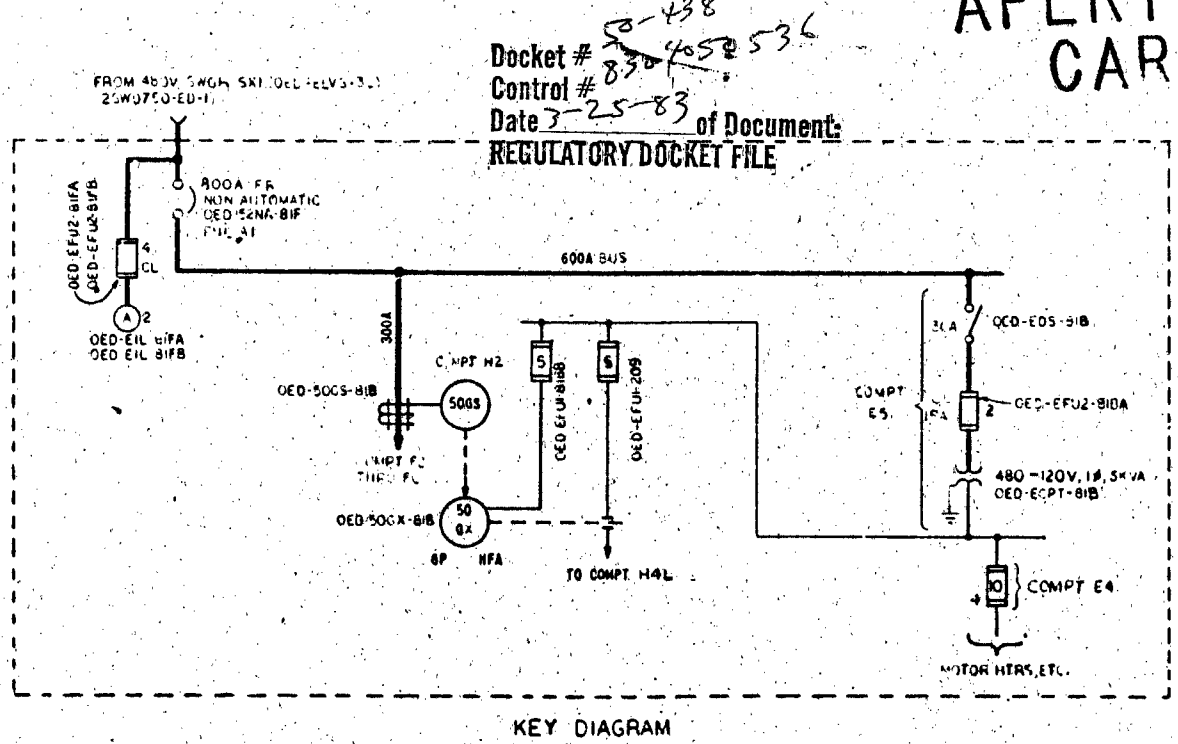
REFERENCE DRAWINGS	
95W0733-ED-1	PLANT 4-C AUXILIARY POWER SYSTEM SINGLE LINE
95W0733-ED-2	480V MVA SXW (OED-ELV3-32) SINGLE LINE
95W0733-ED-3	SCHEMATICS TEMPLATES
95W0733-ED-4	TYP MCC SCHEMATICS

- NOTES:
- 480V MCC PROVIDED ON CONTRACT NO. 76K5-86242
  - THE FOLLOWING UNIQUE SCHEME SHALL BE USED TO IDENTIFY THE MCC SWITCHGEAR AND DEVICE DESIGNATION.
    - SEPARATION DESIGNATION (WHERE APPLICABLE)
    - SPECIFIC COMPONENT IDENTIFIER (LISTED ON THIS DRAWING WITH DEVICE SYMBOL)
    - COMPONENT FUNCTION DESIGNATION (LISTED ON THIS DRAWING WITH DEVICE SYMBOL)
    - SYSTEM DESIGNATION
    - GENERATING UNIT DESIGNATION
  - MAIN DEVICE ASSOCIATED WITH THE MOTOR CONTROL CENTER BUS, AUXILIARY CONTROL POWER TRANSFORMER, MAIN SUPPLY OR DISTRIBUTION SYSTEM WITH SYSTEM DESIGNATION ED.
  - ALL DEVICES SHALL BE RATED AS SHOWN AND SHALL BE WITH AN INTERRUPTING RATING OF NOT LESS THAN THE AVAILABLE SHORT-CIRCUIT CURRENT. THE INTERRUPTING RATING SHALL BE AS SHOWN FOR THE DEVICES AND SHALL BE WITHIN THE LIMITS OF THE MANUFACTURER'S DATA.
  - ALL DEVICES SHALL BE PROVIDED WITH SELECTOR SWITCHES WITH ADJUSTABLE POSITIONS FOR STOP, RUN, and TEST. THE TEST POSITION SHALL BE PROVIDED WITH A LOCK.
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  - UNLESS OTHERWISE NOTED, ALL DEVICES SHALL BE 15 AMP EXCEPT AS NOTED.
  - ALL DEVICES SHALL BE PROVIDED WITH SELECTOR SWITCHES WITH ADJUSTABLE POSITIONS FOR STOP, RUN, and TEST. THE TEST POSITION SHALL BE PROVIDED WITH A LOCK.
  - UNLESS OTHERWISE SHOWN, ALL COMPONENTS EXTERNAL TO THE MOTOR CONTROL CENTER ARE ASSIGNED UNIQUE IDENTIFICATION NUMBERS AS SHOWN IN PARENTHESES UNDER SYMBOLS WHERE "XXX" INDICATES DIGITS THAT ARE THE SAME AS THOSE SHOWN FOR THE LOAD.

- SYMBOLS:
- MOTOR OPERATED DAMPER
  - CONTROL SUPPLIED BY MFR
  - RED LIGHT (XXX-EIL-XXX)
  - DISCONNECT SWITCH (XXX-EDS-XXX)
  - HAND INDICATING SWITCH (XXX-EHS-XXX)
  - THERMOSTAT (XXX-ETH-XXX)
  - MAG TRIP ONLY BKR
  - CONTINUOUS CURRENT RATING
  - TRIP SETTING
  - LOCATED ON CONTROL PANEL IN CRAFT FORMANS OFFICE
  - LOCATED IN ROOM OR AREA SERVED
  - LOCATED NEAR FAN OR EQUIPMENT CONTROLLED

	A	B	C	D	E	F	G	H	J	K			
W00A FEEDER BKR	1-FVNR	BKR	BKR	1-25P	FUTURE	BKR	BKR	BKR	1-FVR SPARE	1-25P	BKR	BKR	
		CIL	CIR			FIL	FIR	GIL	GRD FAULT EQPT		KIL	KIR	
	1-25P	BKR	BKR			F2L	F2R	G2L	400A BKR		J1	K2L	K2R
		C2L	C2R										
	1-FVNR			1-25P						1-25P		1-25P	SPARE
	1-25P	1-FVNR											
	BKR	BKR											
	A1	B6L	B6R	C5	D5	E5	F6L	F6R	G6	H6	J5	K5	

PANEL LAYOUT FOR MCC SXW



PRC APERTURE CARD

Docket # 438  
Control # 8304058536  
Date 3-25-83  
of Document  
REGULATORY DOCKET FILE

NO.	CHG. NO.	DATE	DESCRIPTION	BY	APP. BY
1	1		ISSUED FOR CONSTRUCTION		
2	2		REVISION		
3	3		REVISION		
4	4		REVISION		
5	5		REVISION		

SERVICE & OFFICE BUILDING UNITS 1 & 2

SINGLE LINE  
480 V MCC SXW  
OED-EMCC-81

BELLEFONTE NUCLEAR PLANT  
TENNESSEE VALLEY AUTHORITY  
DIVISION OF ENGINEERING DESIGN

SUBMITTED: [Signature]  
RECOMMENDED: [Signature]  
APPROVED: [Signature]

INSPECTED AND APPROVED FOR ISSUE: [Signature]  
DESIGN PROJECT MANAGER

KNOXVILLE, TN 37604 88 E 95W0733-ED-1 R5